

ABSTRACT OF THE DISCLOSURE

In a spindle motor, a core with a specified thickness is formed by laminating thinnest possible magnetic steel sheets to allow consumed current to be reduced. For example, by providing a structure of a core of a spindle motor with seven 0.2 mm thick steel sheets being laminated, it becomes possible to make consumed current smaller than that for a core laminated with four 0.35 mm thick steel sheets. Thus, a spindle motor is provided as being suited for downsizing an HDD and possible to reduce consumed power.